

20000710.ba v02\_n943.bam.20000710

>From ???@??? Mon Jul 10 10:01:58 2000 -0500  
Message-Id: <200007101500.e6AF0g018972@sco.theporch.com>  
Date: Mon, 10 Jul 2000 10:00:03 CDT  
From: Old Tube Radios <boatanchors@theporch.com>  
To: Old Tube Radios <boatanchors@theporch.com>  
Subject: BOATANCHORS digest 2943

BOATANCHORS Digest 2943

Topics covered in this issue include:

- 1) B2 mention  
by BEN NOCK <G4BXD@compuserve.com>
- 2) FS:Hallicrafters SX-62A  
by "kx4rgc" <kx4rgc@email.msn.com>
- 3) Re: Product Detector for SX-110 -- Chapter I  
by "russ dworakowski" <wb3fau@hotmail.com>
- 4) Re: 75A1 question  
by "russ dworakowski" <wb3fau@hotmail.com>
- 5) ABK-4 Assistance Requested  
by Jerry Proc <jproc@idirect.com>
- 6) Re: B2 mention  
by W0EOM@aol.com
- 7) ADMINISTRIVIA: No More Reposts  
by listown@jackatak.theporch.com (Mail List Owner)
- 8) Odd p-p audio ckt.  
by polepeeg@aaa4rm.ba-watch.org (Marty's Refl. Drop)
- 9) Tektronix transformer ratings? Rare shot?  
by "Benjamin D. Hall" <kd5byb@WT.NET>
- 10) Re: Tektronix transformer ratings? Rare shot?  
by Arden Allen <gumbear@pacbell.net>
- 11) Info On Sunair GSB-400 Transceiver  
by Bruce Haffner <haffner@popmail.mcs.net>
- 12) Selenium Rectifiers  
by David Jordan <wa3gin@erols.com>
- 13) FS: Coils  
by billrobb@net-link.net
- 14) "Pee Wee Radio" Kits - Info Needed.  
by K8MFO@aol.com
- 15) Re: 75A1 question  
by "russ dworakowski" <wb3fau@hotmail.com>
- 16) Philco BA  
by "russ dworakowski" <wb3fau@hotmail.com>
- 17) re: source for mic coilcord  
by "Hue Miller" <kargokult@proaxis.com>
- 18) Re: suitcase radio refurbishment

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    by "Hue Miller" <kargokult@proaxis.com>
19) coiled cords
    by Raymond Cote <rjcote@hawaii.rr.com>
20) coiled mic cable
    by Raymond Cote <rjcote@hawaii.rr.com>
21) Re: CALL SIGN HERITAGE
    by Paul Nelson <drhydro@uswest.net>
22) BC-610 questions
    by brian.k.harris@philips.com

```

Date: Sun, 9 Jul 2000 06:50:52 -0400  
From: BEN NOCK <G4BXD@compuserve.com>  
Subject: B2 mention  
To: Old Tube Radios <boatanchors@theporch.com>  
Message-ID: <200007090651\_MC2-AB86-187E@compuserve.com>  
MIME-Version: 1.0  
Content-Transfer-Encoding: quoted-printable  
Content-Type: text/plain;  
charset=ISO-8859-1  
Content-Disposition: inline

it was said:

```
>> He neglects to change freqs every couple of minutes, the VOP0s home in=
```

[illegible]

Ah, there's the rub. Agents were trained to keep a 6 volt car battery by their side for just such a trick. When the mains was cut a simply flick of

a plug

switches the B2 from ac to dc, the agent could continue and the listening=

Gestapo would be fooled for a short while. Its clearly stated in the operating =

manual and would have been SOP.

But would he/her change frequency every "couple" of minutes ? that seems a bit far fetched. =

Ben G4BXD

Owner and Operator of a B2.

-----  
Message-ID: <000d01bfe9b2\$dff3a380\$c742163f@kx4rmain>  
From: "kx4rgc" <kx4rgc@email.msn.com>  
To: Old Tube Radios <boatanchors@theporch.com>  
Subject: FS:Hallicrafters SX-62A  
Date: Sun, 9 Jul 2000 10:35:03 -0400  
MIME-Version: 1.0  
Content-Type: text/plain;  
        charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Trying to thin out a few pieces I just don't use and since I have a very nice SX-42, my SX-62A (essentially the same radio electrically) is being offered for sale.  
Works on all bands, has had some but not all tubular caps replaced, and could probably use an alignment.  
Cosmetically.....excellent front panel, excellent dial and glass, all knobs correct and lettering excellent.  
Cabinet has typical scratches but not bad...I would not be inclined to repaint it if I kept it.  
With manual. Price \$275  
Would prefer not to ship but will do so at your expense....can meet someone within a reasonable distance of Atlanta. Estimate of shipping weight would be 65lbs from 30178.

Tnx and 73 !  
Greg KX4R  
kx4rgc@msn.com

-----  
Message-ID: <20000709142409.48620.qmail@hotmail.com>  
From: "russ dworakowski" <wb3fau@hotmail.com>  
To: Old Tube Radios <boatanchors@theporch.com>  
Subject: Re: Product Detector for SX-110 -- Chapter I  
Date: Sun, 09 Jul 2000 10:24:09 EDT  
Mime-Version: 1.0  
Content-Type: text/plain; format=flowed

Only comment here Arden is the prod detector in the Drake 2A does work well for a 1960 rx. I will stay tuned.  
Russ

>From: Arden Allen <gumbear@pacbell.net>  
>Reply-To: gumbear@pacbell.net

>To: Old Tube Radios <boatanchors@theporch.com>  
>Subject: Product Detector for SX-110 -- Chapter I  
>Date: Sat, 08 Jul 2000 23:32:41 -0700  
>  
>Modiphiles;  
>  
>After perusing the usual vintage amateur pubs on the subject of product  
>detectors I concluded that, at least in my library, there is a dearth of  
>information on critical factors to consider when designing a hollow state  
>product detector. The three most common circuits are the triple triode,  
>pentagrid converter and beam switching detectors. As an aside, the  
>definition that a product detector has no output when the local oscillator  
>(BFO) injection is absent is at best a wishy-washy assertion. Probably  
>because nobody cares what is at the output of a product detector as long as  
>the audio is recovered from the low pass filter without the RF causing any  
>harm.  
>  
>I looked through some real receiver circuit diagrams and after considering  
>(to some extent) various options I locked onto the circuit used in the  
>Drake 2A and 2B receivers. The Drakes use a 6BE6 as a self excited product  
>detector with the BFO in the usual Heartley oscillator converter circuit.  
>I could use a 6SA7 in the 6H6 socket and use germanium diodes for the AM  
>detector and noise limiter (or a silicon diode for NL if germanium is too  
>leaky).  
>  
>I hacked together an octal socket on a piece of copperclad with some tie  
>point strips to breadboard the product detector before tearing up the  
>SX-110 chassis. I freed up the connections to the BFO coil and ran jumpers  
>over to my 6SA7 kluge connecting the respective coil terminals as a  
>grounded plate Heartley. The oscillator ran beautifully but after trying  
>to make the circuit work as a decent product detector I decided that self  
>excitation is a disastrous way to go. I wonder if and how the Drake  
>product detector handles the problems I encountered. The oscillator signal  
>at the grid was way too big at 40 volts p-p. Plate current was cut off  
>most of the time and the product was a severely distorted sine wave with  
>negative conversion gain. Also, there was enough coupling between the  
>signal input and the oscillator that at near zero-beat the oscillator would  
>sync to the signal. Just the phase distortion from oscillator pulling  
>would make for lousy audio, you would probably get the infamous Donald Duck  
>sound.  
>  
>What we want is a linear transconductance modulator (as in an analog  
>multiplier). By using an externally generated BFO with a proper injection  
>level to the first control grid and a reasonable amount of cathode self  
>bias resistance I got just what I wanted. There is a decent amount of gain  
>and low distortion, a very nice audio frequency sine wave with up to about  
>60 volts p-p amplitude. The dynamic range is more than adequate to drive  
>the hell out of the audio amplifier. Here are some details: With 6 volts

>p-p (455KHz) at both the control grids, a 680 ohm cathode resistor bypassed  
>with 22 uF, a 22K screen dropping (to 100 volts) resistor bypassed with  
>1uF, a 47K plate load and 230 volts B+ I get 40 volts p-p output. With  
>this setup I tried several 6SA7's and a 6SA7GT (with the suppressor  
>internally connected to the cathode) with identical results.

>

>Luckily, the SX-110 has a half acre of free chassis space between the  
>detector and first audio tube sockets to install a 6SN7GT dual triode  
>BFO/buffer to drive the product detector with the correct level and good  
>isolation. With the BFO removed from the 6SC7 that stage can be replaced  
>with the low audio distortion mod I am planning. The next step is to make  
>the solid state AM detector-AVC rectifier work. One step at a time....

>

>Comments, suggestions, ridicule, all welcome. Stay tuned.

>

>Arden Allen KB6NAX Vallejo, CA gumbear@pacbell.net

>

---

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-----

Message-ID: <20000709140202.55672.qmail@hotmail.com>

From: "russ dworakowski" <wb3fau@hotmail.com>

To: Old Tube Radios <boatanchors@theporch.com>

Subject: Re: 75A1 question

Date: Sun, 09 Jul 2000 10:02:02 EDT

Mime-Version: 1.0

Content-Type: text/plain; format=flowed

my 75a1 does not have the shield you speak of[but mine  
does not have a cabinet either] Russ

>Subject: 75A1 question

>

>Does anyone know if the 75A1 has the finger shield on the right side  
>of the cabinet (as viewed from the front.)? This is the little metal  
>stamping  
>that prevents sticking your fingers in past where they should be. I can see  
>that it's essential on my 32V2 (now working fine, thanks to all your  
>suggestions)

>in keeping ones fingers out of the plate cap of the 807' modulators.

>

>My A1 does not have one on the right side. Wonder if it came with one?

-----  
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-----  
Message-ID: <396896BB.6A02E3EB@idirect.com>  
Date: Sun, 09 Jul 2000 11:14:05 -0400  
From: Jerry Proc <jproc@idirect.com>  
MIME-Version: 1.0  
To: Old Tube Radios <boatanchors@theporch.com>  
CC: Harwood\_Wally <wallyharwood@hhcn.prn.bc.ca>  
Subject: ABK-4 Assistance Requested  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Hi Folks,

If anyone can answer this question from Wally Harwood it would be most appreciated: Please respond to Wally directly at:  
wallyharwood@HHCN.PRN.BC.CA

+++++

Date: Sat, 8 Jul 2000 22:03:58 -0700  
From: "Walter Harwood" <wallyharwood@HHCN.PRN.BC.CA>  
To: "Jerry Proc" <jproc@idirect.com>

Jerry, Can you tell me what an ABK-4 was used for? I realize from the designation that it is an airbourne pigeon device and I think the K indicates it was classified, but I would like to know more- eg was it a device for finding a carrier? or a sonobouy ?

I have a receiver CZR-43AAX which is the principal part of an ABK-4. It was made by Zenith in Chicago in 3-43 for the Navy Dept - Bureau of Ships. It operates from 12VDC. It is about one foot cube ( I thought I was buying an old IFF set). Looking at the RF I think that it received signals in the 200 to 400Mhz range. The reciever is continuously tuned across the frequencies by a link from a gear on the dynamotor and I think the output is to a relay. It uses a pair of 2C22 tubes with a 6H6 for the converter and then a string of six 6SH7's and another 6H6- not sure of of the sequence. The dynamotor is 9V in and 450V out!

It was equipped for a demolition charge, which would have been ineffective because a solid chassis would protect most of the circuit that may be considered secret, although it sure would have prevented use.

Hope you can help or point me in the same direction.

+++++

--

Regards,  
Jerry Proc VE3FAB jproc@idirect.com  
Web: www3.sympatico.ca/hrc/haida  
HMCS HAIDA Historic Naval Ship, Toronto Ontario

-----  
From: W0EOM@aol.com  
Message-ID: <73.4e1a1b4.2699f1db@aol.com>  
Date: Sun, 9 Jul 2000 11:18:51 EDT  
Subject: Re: B2 mention  
To: Old Tube Radios <boatanchors@theporch.com>  
CC: boatanchors@theporch.com  
MIME-Version: 1.0  
Content-Type: text/plain; charset="US-ASCII"  
Content-Transfer-Encoding: 7bit

Ben and the group - the best reference to WW II radio intercept activity is 'War Secrets in the Ether' by Flicke. Mr Flicke was part of the German OKW/Chi radio intercept service from WW I thru WW II., and was directed by General Fellgiebel, head of the service, to write a history. the book was published in 1945 and translated by the NSA in 1954.

I have heard that the Agean Press has reprints.

Will Jensby Santa Clara, CA

-----  
Message-Id: <200007091615.e69GF0323250@jackatak.theporch.com>  
From: listown@jackatak.theporch.com (Mail List Owner)  
To: Old Tube Radios <boatanchors@theporch.com>  
Subject: ADMINISTRIVIA: No More Reposts  
Date: Sun, 9 Jul 2000 11:15:00 CDT

Gang-

This is a reminder that reposting of For Sale or Wanted items from other internet sources (lists and auctions) is discouraged.... nay prohibited on the BoatAnchors list.

If a BA list member wants to post the item elsewhere and on the BA list, that creates NO problem. What we are trying to avoid are "seen on EBay" or "prime rig on xxx list" type posts... Very few BA members limit their searching to just the BA list!

The problem comes when the poster in the other venue is not asked about

the re-post... without the permission of the poster, problems are guaranteed, and I do not have the time, the energy, or the desire to address and deal with the headaches that re-posting causes... I'll grant you that folks in other venues need to be re-calibrated, but I do NOT want to referee! ;^)

So, henceforth, let's have NO re-posts from other sources referred to the list. Yes, I know this may sound pretty provincial, but those who really care have browsers and know where to look, and those who don't, probably don't....

I do NOT need the aggravation of someone who posts to a newsgroup and then has to fight off the hungry folks from the BA list who want to rearrange his viewpoint or calibrate his selling technique.

ENOUGH! Already... Just don't do it!

--

73

Jack, W4KH/Mobile - - - Mailing List Archiver/Owner - - -  
listown@jackatak.theporch.com - "Plus ca change, plus c'est la meme chose"  
"Il n'y a que les idiots qui ne changent jamais d'idee"  
Sun Jul 9 11:15:00 CDT 2000

-----  
Date: Sun, 9 Jul 2000 14:41:18 -0400  
From: polepeeg@aa4rm.ba-watch.org (Marty's Refl. Drop)  
Message-Id: <200007091841.0AA09842@aa4rm.ba-watch.org.>  
To: Old Tube Radios <boatanchors@theporch.com>  
Subject: Odd p-p audio ckt.

Have a '62 Magnavox Stereo Phono / Radio here. Big 54-incher w. 2 12" woofers & pair compression teeeters.

Good looking maple chippendale & sounds great - after audio-out couplers replaced.\*

Each channel has 2 EL84/6BQ5s & 6DE7 conventional-looking tapped load p-p triode phase inverter.. at least it looks that way but '66 ARRL hbk lists 6DE7 as "dissimilar dual triode." HERE TOO'S a twist.

Each channel does this: one 6DE7 tri. coupled thru .05@400 (the baddy) & the other thru a .0015 disc. P-p output xfrm & RC (?) n/w divider betw. tweeter & woofer

I don't get it. Those Magnavox guys had a trick.

Thing downstairs merrily playing FM, tho.



BTW this brute is surplus! Anyone have a trade???

Marty

\*white ceramic sleeved papers with wax seals. Unsigned but I have ElMenco & Aerovox look-alikes in the hell box.

-----  
Message-Id: <3.0.32.20000709134324.007d74b0@mail.wt.net>  
Date: Sun, 09 Jul 2000 13:45:40 -0500  
To: Old Tube Radios <boatanchors@theporch.com>  
From: "Benjamin D. Hall" <kd5byb@WT.NET>  
Subject: Tektronix transformer ratings? Rare shot?  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

Greetings all...

In cleaning out my bench today, I came across an unknown Tektronix power transformer. It was from a car load of stuff I got out of a University of Texas / Austin professors garage about three years ago.

The only markings on it are: TEKTRONIX (the tek symbol) and 120-0575-00.

Can anyone point to a resource where I could get the tap voltages?

thanks ad 73,  
ben  
---

Benjamin D. Hall, KD5BYB, Engine and radio collector / operator.  
Located in Houston, Texas, USA.  
e-mail: kd5byb@WT.net, web: <http://web.wt.net/~kd5byb/>  
"An ye harm none, do what thou wilt."

-----  
Date: Sun, 09 Jul 2000 12:10:50 -0700  
From: Arden Allen <gumbear@pacbell.net>  
Subject: Re: Tektronix transformer ratings? Rare shot?  
To: Old Tube Radios <boatanchors@theporch.com>  
Message-id: <0FXG006PG2K9AW@mta5.snfc21.pbi.net>  
MIME-version: 1.0  
Content-type: text/plain; charset=ISO-8859-1  
Content-transfer-encoding: 7bit

Hi Ben;

> The only markings on it are: TEKTRONIX (the tek symbol) and 120-0575-00.  
>  
> Can anyone point to a resource where I could get the tap voltages?

Ask Stan Griffiths or Dean Kidde to look it up for you.

Arden Allen KB6NAX Vallejo, CA gumbear@pacbell.net

-----  
Message-Id: <2.2.32.20000709213538.0068efd0@popmail.mcs.net>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"  
Date: Sun, 09 Jul 2000 16:35:38 -0500  
To: Old Tube Radios <boatanchors@theporch.com>  
From: Bruce Haffner <haffner@popmail.mcs.net>  
Subject: Info On Sunair GSB-400 Transceiver

Any body have a copy of the manual for the Sunair Model GSB-400 marine SSB transceiver? Will you make me a copy? How do you program it? Uses 6883B or 8032A or 8552 finals.

73,

Bruce WD9GHK

-----  
Message-ID: <3968F39F.EDBFFFE8@erols.com>  
Date: Sun, 09 Jul 2000 17:50:23 -0400  
From: David Jordan <wa3gin@erols.com>  
MIME-Version: 1.0  
To: Old Tube Radios <boatanchors@theporch.com>  
Subject: Selenium Rectifiers  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

hello,

I need these selenium rectifiers. Two of them. They appear to be used as

full wave bridges. Three leads and a chassis bolt (two of them) for ground.

They are about 20 volts, 20 amps.

One is about 3" and the other is 4.5".

They have two plates.

Thanks,

dave

WA3GIN

-----

From: billrobb@net-link.net  
Message-Id: <3.0.6.32.20000709183920.007aa6b0@pop.net-link.net>  
Date: Sun, 09 Jul 2000 18:39:20 -0400  
To: Old Tube Radios <boatanchors@theporch.com>  
Subject: FS: Coils  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

I am selling these coils a ONE LOT only. Please make an offer.

Most are new in the box.

These 4 are large

B & W 80HDVL  
40HDVL  
20HDVL  
15HDVL

EF Johnson 150HCF20  
150HCF/LCF10  
150HCS20

B & W 20JVL (2)  
15JVL  
80JVL (2)  
40JVL  
LABELED WITH PENCIL 813 GRID  
LABELED TYPE 40 813 GRID  
160BVL  
10JVL  
15JEL  
2366 (BOX IN PENCIL SAYS - COLLINS 10M  
80JEL  
2367 COLLINS 20  
10BEL  
20BEL (2)  
80BEL  
80TL  
40TL

BUD

0EL80 (2)  
ONLY LABELED 40 METERS (2)  
20 METERS  
10 METERS (2)

-----  
From: K8MFO@aol.com  
Message-ID: <39.726be3d.269a5ee4@aol.com>  
Date: Sun, 9 Jul 2000 19:04:04 EDT  
Subject: "Pee Wee Radio" Kits - Info Needed.  
To: Old Tube Radios <boatanchors@theporch.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset="US-ASCII"  
Content-Transfer-Encoding: 7bit

I hope that this is on topic .. it does concern a 1L4 tube that I purchased.

A few weeks ago I went to a "community garage sale" at a local community. It takes 4-6 hours to go through the entire town. A guy was selling various electronic parts, among them what I thought was a 1L4 tube, in the box, with a outer shipping box that had an 8 cent stamp on it. The shipping box is from Electro-Mite, Blanchard Electronic Products, of Springdale, CT. The 8 cent stamp was even enough to insure the package!

While on one of my cleaning rages in the hamshack this week, I decided to open the box, and look a little further. What I have is not only a 1L4 tube (and socket), but an unassembled kit for a "Pee Wee Radio", the plans of which appear on pages 145 and 146 of the April 1956 "Science and Mechanics" magazine. Gee, I wonder whether he also had the magazine!

Does anyone on the list have any information on this company? Did they make other kits? I know it is a long shot, but does anyone also have the magazine that has the plans for the kit?

Thanks in advance.

Don Karvonen K8MFO

-----  
Message-ID: <20000709230854.48416.qmail@hotmail.com>  
From: "russ dworakowski" <wb3fau@hotmail.com>  
To: Old Tube Radios <boatanchors@theporch.com>  
Subject: Re: 75A1 question  
Date: Sun, 09 Jul 2000 19:08:54 EDT  
Mime-Version: 1.0  
Content-Type: text/plain; format=flowed

75A1 additional: does anyone have a cabinet for a 75A1 that they wud like to sell me? Russ

>From: "russ dworakowski" <wb3fau@hotmail.com>  
>Reply-To: wb3fau@hotmail.com  
>To: Old Tube Radios <boatanchors@theporch.com>  
>Subject: Re: 75A1 question  
>Date: Sun, 09 Jul 2000 10:02:02 EDT  
>  
>my 75a1 does not have the shield you speak of[but mine  
>does not have a cabinet either] Russ  
>  
>  
>  
>>Subject: 75A1 question

---

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---

Message-ID: <20000709233509.78101.qmail@hotmail.com>  
From: "russ dworakowski" <wb3fau@hotmail.com>  
To: Old Tube Radios <boatanchors@theporch.com>  
Subject: Philco BA  
Date: Sun, 09 Jul 2000 19:35:09 EDT  
Mime-Version: 1.0  
Content-Type: text/plain; format=flowed

Hello gang, I have a Philco floor console 40-180  
circa 1939. I did the caps and its working much  
better. However, I now find the XYL wants some of the  
BA space[ imagine that?] For those not knowing what  
this is it also covers SW up to 18mc. Qth here is ERIE  
PA. I do the hamfest circuit in the tristate area-  
there is one at Lorraine OH. next weekend. If anyone is  
interested I will bring it. Too big to ship. Price is  
very negotable. Russ

---

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---

Message-ID: <004d01bfea19\$3ea44c20\$0ef7fea9@oemcomputer>  
From: "Hue Miller" <kargokult@proaxis.com>  
To: Old Tube Radios <boatanchors@theporch.com>  
Subject: re: source for mic coilcord  
Date: Sun, 9 Jul 2000 19:47:51 -0700  
MIME-Version: 1.0  
Content-Type: text/plain;

charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Hello -

say, re microphone coilcord, RS has them inexpensively but they seem a mite short for anything other than use in a compact car or midget submarine. For home / fixed station use, where can i perhaps find longer ones? The RS one i measured 40 cm unstretched, 70 cm reasonably stretched. I would like the stretched length to be about 1 1/2 times this.  
Tnx, Hue Miller

-----  
Message-ID: <005301bfea1a\$3c2266c0\$0ef7fea9@oemcomputer>  
From: "Hue Miller" <kargokult@proaxis.com>  
To: Old Tube Radios <boatanchors@theporch.com>  
Subject: Re: suitcase radio refurbishment  
Date: Sun, 9 Jul 2000 19:54:57 -0700  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

I would appreciate some input on this.  
I have a military radio built into a really chintzy civilian type suitcase. I have to rule out just looking for another one roughly the same size, as this one has unique control cutouts. ( Insides is receiver BC-792.) The fabric covering over the suitcase is mostly shot. Some of the corner joints are loose. A near junk. I haven't done any of the legwork yet looking for restorers. Would a luggage repair place be at all likely to be able/willing to restore this? Or?? should i maybe just search out some skillful antique radio person and convince him ( okay, him/her) to take this on? I do not have the tools or experience to tackle this myself. I'm thinking maybe the work is too intricate for a luggage place.  
Tnx, Hue Miller

-----  
Message-ID: <39691B23.64811EF6@hawaii.rr.com>  
Date: Sun, 09 Jul 2000 17:38:59 -0700  
From: Raymond Cote <rjcote@hawaii.rr.com>  
MIME-Version: 1.0  
To: Old Tube Radios <boatanchors@theporch.com>  
Subject: coiled cords  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Fellow boatanchor parts scroungers!

I have been wanting to post this for a while as I have a box of Belden mic cords for sale. These are Looonnnng ones. They are about 4.5 feet relaxed and stretch to about 12 feet or more. They are Belden NEW in BOX part number 9417-15, black and looks like Neoprene. The -15 in the part number might relate to the length and be 15 feet long fully stretched. Anyone know this to be fact?

I could not find this part number in the Belden web site as the site is down and I have no Belden catalog here at home.

These are in new condition and I will sell them at \$5 each plus \$3.60 shipping from Hawaii to anywhere US. If you want more than one, contact for small quantity discount in price and shipping. I don't have a clue as to the need for these but if they are popular, I don't have a great number so first e-mail orders will take priority.

Ray in Honolulu

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Message-ID: <39692A46.A8CBFCD3@hawaii.rr.com>  
Date: Sun, 09 Jul 2000 18:43:34 -0700  
From: Raymond Cote <rjcote@hawaii.rr.com>  
MIME-Version: 1.0  
To: Old Tube Radios <boatanchors@theporch.com>  
Subject: coiled mic cable  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

re the coiled mic cable just posted, sorry I left the most important thing out. It has 4 conductors, 2 of which are belfoil shielded, and in the shield is a bare stranded conductor and another conductor warped in a carbon coated wrapping for additional shielding. Looks like conductors for PTT and separate signal and common for the audio. Looks like very well made double shielded cable.

Ray in Honolulu

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Mime-Version: 1.0  
Message-Id: <v04210100b58f08350c37@[10.0.0.2]>  
Date: Sun, 9 Jul 2000 23:11:59 -0600  
To: Old Tube Radios <boatanchors@theporch.com>  
From: Paul Nelson <drhydro@uswest.net>  
Subject: Re: CALL SIGN HERITAGE  
Cc: boatanchors@theporch.com  
Content-Type: text/plain; charset="us-ascii" ; format="flowed"

Folks-

My call, W5GNF, was my father's call in the forties and fifties- I don't know for sure when he held it, and would very much like to find out what its lineage is.....

He was a pioneer- first ham in Arkansas, as 5CB.... chief radio officer for Munson Steamship Lines in the twenties- Naval Radio School in Bar Harbor, Maine (NSS I think), Valparaiso University, worked for a time with Lee DeForest, then an engineer with Western Electric- helped start KYW in Chicago. Always told me that he'd copied the Titanic's distress signal... not sure about that, he was born in 1901 and I'm really not sure how precocious he was. But I do have a QSL of his from the Byrd Expedition to the Antarctic... and a similar card, an acknowledgement of the first FAX transmission... can't find it now.

I was WA5EHG in the early sixties, but let it lapse when I graduated from college and went to work for NASA in Huntsville....

I can't hold a candle to him. Just glad to have it now.

Paul Nelson W5GNF

Ames, Iowa

"When I go, I want to go quietly, in my sleep, like my grandfather- not screaming, like his passengers."

(DrHydro@uswest.net)

Cessna 140 N77149

"More hay, Trigger?"

"No thanks, Roy, I'm stuffed."

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From: brian.k.harris@philips.com

To: Old Tube Radios <boatanchors@theporch.com>

Subject: BC-610 questions

Message-ID: <00569100059204900000002L102\*@MHS>

Date: Mon, 10 Jul 2000 09:58:05 -0500

MIME-Version: 1.0

Content-Type: text/plain; charset=iso-8859-1; name="MEMO 07/10/00 09:59:18"

Content-Transfer-Encoding: quoted-printable

Content-Disposition: inline

Learned Colleagues,

On inspecting the RF and modulator decks of my BC-610 (I model) while I= had them out to change three transformer primary taps to their 117V po= sitions (it was previously wired for 100V), I discovered a few things t= hat prompted the questions below:

Item One - The 47 Ohm 2 Watt carbon comp 807 grid resistors have been b= lackened beyond readability by heat. They both measured above 100 Ohms=



. I seem to remember reading something that questioned the need for these resistors and a negative feeling about the paralleled 807's in general. A scan of past ER 610 articles and a search of the web revealed nothing. Does anyone have direct experience with this part of the circuitry?

Item Two - The 22K Ohm 2 Watt carbon comp 807 screen resistors each measured about 100K Ohms and are discolored (not quite black) from heat. I think I'll replace them with 5 Watt units wirewounds to avoid future issues. Any reason to use something other than 22K?

Item Three - The 680 Ohm wirewound resistor in parallel with the plate choke in the 250TH final has been so hot that it bubbled its ceramic housing (now that's HOT!). The heat charred the phenolic board above the resistor. Why this resistor got so hot puzzles me considering the plate choke is not burned nor is it open. Does anybody have an explanation for this phenomenon? In spite of the bubbles, the resistor measures about 700 Ohms.

Item Four - All of the mica capacitors in the oscillator/buffer/driver section had an oily coating. In fact, some had drops hanging from them. I wiped them off with a paper towel but wondered if this oil justifies a blanket replacement of these parts. In spite of this oil and the increased resistor values, everything up through the 807's works well.

Assuming there has been past operation with 115-120V power and with 100V transformer taps, no doubt some of the circuitry experienced increased power dissipation. Perhaps this explains the grid resistors getting so hot and the screen resistors changing to 5X their original value but it certainly doesn't explain the nearly melted 680 Ohm resistor. Okay, let the hounds loose.

73,

Brian Harris WA5UEK

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End of BOATANCHORS Digest 2943  
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